





# **User Guide**



For dog, cat and horse use only



# **Table of contents**

About the Product	3
About the g-Pet Meter	4
About the g-Pet Meter Display	6
About the g-Pet Test Strip	8
About the g-Pet Test Strip vial	9
About the Glucode Chip	10
Installing/Replacing the Battery	11
Setting Up the Meter	12
Setting Up the Date, Time	12
Setting Up the Alarm	13
Setting Up the HI and LO Alarm	15

Coding Your g-Pet Meter	18
The Control Solution Test	20
Blood Glucose Testing	24
Preparing the Test Strip	25
Obtaining a Blood Sample	
Applying Blood Sample to the g-Pet Test Strip	27
Memory Features	
Care and Storage	31
Display Messages	32
Specifications	
Limitations of the Procedure	
Service and Warranty	41

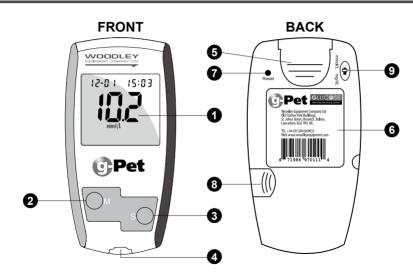
# **About the Product**

Your g-Pet System is made up of several components. This booklet is designed to guide you through the operation of the system with detailed directions and pictures. Your g-Pet System contains:

- g-Pet Meter
- One vial of g-Pet Test Strips (10 strips)
- Three Glucode Chips (one for cats, one for dogs, one for horses)
- One Lancing Device
- Ten Lancets
- One Control Solution
- One carrying case
- User's Manual
- Quick Reference Guide

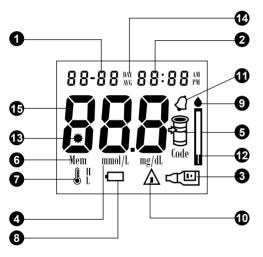
Note: 25 and 50 test strip vials can be purchased individually.

# About the g-Pet Meter



- 1. **Display** Your test results are displayed here. The large, easy to read screen guides you through the test by using numbers and symbols.
- M Button The M (mode) button is used to set the year, month, day and time, enters the memory mode to show the consecutive 7/14/30-day average results, and turns the Meter on and off.
- 3. **S Button** The **S** (select/set) button is used to select year, month, day, time, memory of results and control solution mode.
- 4. **Test port** This is where you insert the Test Strip into the Meter.
- 5. Battery Cover
- 6. Label
- 7. **Reset Button** Press this button to re-set the system.
- 8. **Glucode Chip** Insert the Glucode Chip for coding.
- 9. Unit Switch Switch for mmol/L or mg/dL.1 mmol/L =18 mg/dL

# About the g-Pet Meter Display



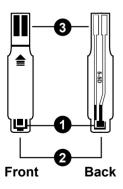
- 1. Date
- 2. Time
- Control Solution Test Appears when doing a control solution test and marking the result as a control solution test.
- Units of Measurement Unit of mmol/L or mg/dL will appear with the test result.
- Code Symbol Appears with the code number of the Test Strips currently in use.

- 6. **Memory Symbol** Indicates in memory mode.
- 7. **Temperature Message** Appears if your meter is out of operating temperature range.
- 8. **Battery Symbol** Appears when the battery is low or must be replaced.
- Blood Drop Symbol Flashes when it is ready to apply sample to Test Strip.
- Warning Symbol Appears when result is out of the range of your setting reference value.
- 11. **Alarm Function Symbol** Appears when the clock alarm is set.
- 12. **Test Strip Symbol** Appears to tell you when the meter is ready for test.
- 13. **Error Symbol** Appears when the strip or meter error.
- 14. **Day Average Symbol** Shows the average value of test results from the last 7-, 14- or 30-days.
- 15. **Test Result Area** Display test results.

# About the g-Pet Test Strip

The g-Pet Test Strip is used to perform the blood glucose test in conjunction with the g-Pet Meter.

#### Each strip can be used only once.



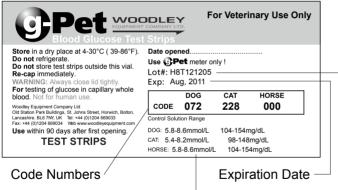
- Confirmation Window This is where you can confirm that enough blood has been applied to the target area. IMPORTANT: Ensure the sample confirmation window is completely filled with blood during testing.
- 2. **Target Area** This is where blood is drawn into the Test Strip.
- Contact Bar This end of the Test Strip is inserted into the Test Port to activate the g-Pet Meter. (white side face up, Front view).

# About the g-Pet Test Strip Vial

g-Pet Control Solution Range ─

#### VIAL LABEL

# TEST STRIP VIAL



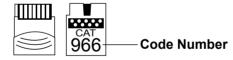
Lot Number



# **About the Glucode Chip**

Each g-Pet test strip vial is supplied with three glucode chips. One for cats, one for dogs and one for horses.

The Glucode Chip is used to ensure that your g-Pet Meter provides you with accurate results. Before performing the blood glucose test or starting a new strip vial, please check your g-Pet Meter with the corresponding Glucode Chip for your animal type to ensure proper performance (further instructions for use of the Glucode Chip is provided on page 18).



#### Note:

- Always use the correct animal type Glucode Chip to ensure your g-Pet Meter is performing properly.
- DO NOT misplace your Glucode Chips.

# Installing/Replacing the Battery

When the battery is low, the Meter will show a warning signal. When this display appears, it is time to replace the battery. When the low battery warning signal is shown, the g-Pet Meter will provide accurate results for approximately 50 more measurements.



#### How to Replace the Battery

- 1. From the back of the Meter, gently slide and remove the battery cover.
- Insert a 3-Volt Lithium battery (CR-2032) with the "+" side facing up.
- 3. Slide battery cover back into place.



# **Setting Up the Meter**

To turn the Meter on, first insert a battery, then press the reset button located at the back of the Meter and proceed with the following instructions.

# Setting Up the Date, Time

- Press the M button for 3 seconds to enter setting mode. Press and release S button to choose "24Hr" or "12Hr" display. With your favourite clock mode, press M button and the Year setting will be appeared. Press and release the S button until the correct year appears.
- To enter the year and move on to choose the month, press the M button. To change the month, press the S button.
- To enter the month and move on to choose the day, press the M button. To change the day, press the S button.



- 4. To enter the day and move on to choose the hour setting, press the **M** button.
- 5. To change the hour, press the **S** button. To enter the hour and move on to change the minutes, press the **M** button.
- 6. To change the minutes, press the **S** button. To enter the minutes and move on to choose the alarm setting, press the **M** button.

# **Setting Up the Alarm**

7. To set the first alarm, press the M button (y). If you press S button (n), it will move to health management alarm setting (step 11). To change the hour, press S button. To enter the hour and move on to change the minutes, press M button. To change the minutes, press S button. To enter the minutes and move on to the second alarm setting, press the M button. (Fig.1)





Fig.1

8. To set the second alarm, press the **M** button (y). If you press **S** button (n), it will move to health management alarm setting (step 11). To change the hour, press **S** button. To enter the hour and move on to change the minutes, press **M** button. To change the minutes, press **S** button. To enter the minutes and move on to the third alarm setting, press the **M** button. (Fig.2)





9. To set the third alarm, press the M button (y). If you press S button (n), it will move to health management alarm setting (step 11). To change the hour, press S button. To enter the hour and move on to change the minutes, press M button. To change the minutes, press S button. To enter the minutes and move on to the fourth alarm setting, press the M button. (Fig.3)





Fig.3

10. To set the fourth alarm, press the M button (y). If you press S button (n), it will move to health management alarm setting (step 11). To change the hour, press S button. To enter the hour and move on to change the minutes, press M button. To change the minutes, press S button. To enter the minutes and move on to health management "HI alarm setting" press the M button. (Fig.4)

Note: When the alarm is ringing, press **S** or **M** button to turn off or meter will turn off alarm automatically after 30 sec.





Fig.4

# Setting Up the HI and LO Alarm

11. To change the "HI alarm setting" press the S button. To enter the "HI alarm setting" and move on to "LO alarm setting" press M button. (Fig.5)





Fig.5

- 12. To change the "LO alarm setting" press the **S** button. To enter the "LO alarm setting" and move on to PC link setting, press **M** button. To finish the setting, press **S** button (no) to turn off the meter.
- 13. Press **S** button when pc option is displayed to turn off the meter.

  Use the switch on the rear of the meter (located under the white tab) to select the appropriate units mg/dL or mmol/L.

# Checking the Performance of Your g-Pet Meter

The Glucode Chip is used for checking and coding your g-Pet Meter. To Check your Meter:

- Insert the Glucode Chip into meter's Glucode Chip slot. All segments of the LCD display will appear indicating that the g-Pet Meter is functioning properly.
- 2. If you are a first time user or start a new strip vial, please continue the coding procedure.



# **Coding Your g-Pet Meter**

Each batch of g-Pet Test Strip comes with three glucode chips. One for cats, one for dogs and one for horses. The glucode chips are encoded with algorithms for blood glucose testing of specific species types. In order to ensure an accurate result, the code number on the display must also match the code number found on the g-Pet Test Strip vial for your animal type.

1. The meter must be switched off before inserting the g-Pet Glucode chip
Insert the g-Pet Glucode Chip, Conductive Bar's end
first into the slet. The g Pet Meter will support the left into the slet.

first, into the slot. The g-Pet Meter will automatically be turned on.

Note: Code the g-Pet Meter whenever you start a new test strip vial.

2. All segments of the LCD display will appear indicating that the g-Pet Meter is functioning properly. Then a beep will sound, followed by the code number.



Note: If you are using the Meter for the first time without inserting the Glucode Chip, a "000" will appear on the screen and then turn off automatically after 3 sec.

- Match the code number on the g-Pet Meter display with the code number on the Test Strip vial for cat, dog or horse. If the code matches you may begin to test or press M to turn off.
- 4. If the meter code and vial code do not match, please contact your supplier.

Note: Code the meter whenever you start a new test strip vial.





### The Control Solution Test

The Control Solution is used to check the performance of the g-Pet meter, g-Pet test strips and the users testing technique.

#### When to perform a Control Solution Test

- 1. When you are using your Blood Glucose Monitoring System for the first time.
- 2. When you are using a new batch of Test Strips.
- 3. Anytime you question the performance of the system, or on a regular basis to ensure accuracy, e.g. once a week.
- 4. If the test results appear to be abnormally high or low, or are not consistent with clinical presentation.
- 5. The g-Pet test strip vial has been left open or has been exposed to temperatures above or below 10-40°C (50-104°F)
- 6. The meter has been dropped.

#### To Perform a Control Solution test:

- 1. Make sure the Control Solution is at room temperature prior to testing.
- Insert a g-Pet Test Strip, white side face up, Contact Bar's end first, into the test port. The g-Pet Meter will turn on automatically.
- 3. All segments of the LCD display will appear, indicating that the g-Pet Meter is functioning properly.
- 4. A beep will sound and the code number will appear followed by a flashing " ♠" symbol. Be sure the code number on the display matches the code number on the g-Pet Test Strip vial. If the code numbers do not match, code the g-Pet Meter by using Glucode Chip, accordingly.





- 5. After the "♠" symbol appears, press the **S** button for 3 sec to switch control solution mode. The "<□ " symbol indicates that the Meter will mark your current test as a Control Solution test. Now you are ready to apply the Control Solution.
- 6. Discard the first drop of Control Solution and squeeze a small drop of Control Solution on a clean nonabsorbent surface (such as a clean piece of wax paper). Do not apply Control Solution to the Test Strip directly from the bottle.
- 7. Bring the tip of the Test Strip to lightly touch the drop of Control Solution. Control Solution is automatically pulled into the strip through the tip. Hold until the meter beeps. The meter will now count down from 8 seconds and the Control Solution test result will appear.







#### Comparing Control Solution Results

The g-Pet is functioning properly if the result falls inside the specified range printed on the Test Strip vial. If the test result falls outside the specified range, repeat the test.

#### Results falling outside the specified range may be caused by:

- Error in performing the test
- Expired or contaminated Control Solution
- Expired or contaminated g-Pet Test Strips
- Improper coding of the g-Pet Meter
- g-Pet Meter malfunction
- Strips and/or Control Solution have been stored at an incorrect temperature

Note: The result will not be incorporated into the average in the Control Solution test "a mode. DO NOT use the system if the problem persists and contact your local supplier.

# **Blood Glucose Testing**

Before testing blood glucose, you need the following items:

- 1. g-Pet Meter
- g-Pet Test Strip
- 3. Adjustable Automatic Lancing Device
- 4. Sterile Lancet
- 5. Glucode Chip for the animal type

Caution: To reduce the chances of infection:

- Never share a lancing device and lancet with another animal.
- Always use a new and sterile lancet. Lancets are for single use only.
- Always use a new g-Pet Test Strip.
   Test Strips are for single use only.
- Do not get lotion, oil, dirt or debris in or on the lancet and lancing device.

# **Preparing the Test Strip**

- 1. Wash hands using soap and warm water. Rinse and dry thoroughly.
- 2. Pull out a g-Pet Test Strip from the vial and re-cap the vial immediately.
- 3. Insert the Test Strip white side face up, into the test port.
- 4. A beep will sound and the code number will appear followed by a flashing " ♠ " symbol. Now you are ready to obtain a blood sample.

Reminder: Make sure that the code number on the display matches the code number displayed on the Test Strip vial. If the code number on the display does not match the code number on the Test Strip vial, code the Meter by using Glucode Chip, accordingly ( See page 18).







# Obtaining a Blood Sample

SAMPLE MAY BE OBTAINED FROM CAT OR DOG USING AN INSULIN SYRINGE OR THE LANCING DEVICE PROVIDED. FOR HORSES USE A JUGULAR SAMPLE.

For further instructions please see the insert provided with lancing device.

- 1. Unscrew and remove the endcap of the lancing device.
- 2. Insert the lancet into the lancet holder.
- 3. Twist and remove the protective lancet cover to expose the sterile needle tip.
- 4. Screw on the lancing cap.
- 5. Select skin penetration depth (1-3).
- 6. Pull the barrel back until it clicks.
- 7. Place the lancing device firmly against the animals paw or marginal ear vein (dogs and cats) and press the release button to obtain a blood droplet.
- 8. After sampling, remove the endcap containing the used lancet carefully.
- 9. Remove the lancet from the lancing device. Discard the used lancet into a clinical waste sharps container.

# Applying Blood Sample to the g-Pet Test Strip

- 1. After obtaining a blood sample, place the drop onto the test well of the g-Pet Test Strip.
- Blood is automatically drawn into the g-Pet Test Strip.
   ENSURE CONFIRMATION WINDOW IS COMPLETELY FILLED WITH BLOOD
- 3. The g-Pet Meter will beep and begin counting down from 8 to 1.
- 4. Your blood glucose result will appear on the LCD panel and will be stored into the Meter memory automatically.















Note: To ensure accurate results, make sure the confirmation window of the test strip is completely filled with blood.

- 5. The g-Pet results range between 1.1 to 33.3mmol/L (20 to 600 mg/dL). If a "HI" message appears on your display, your g-Pet Meter has detected that your blood glucose level is higher than 33.3 mmol/L (600 mg/dL). It is suggested that you review your testing procedure and test again with a new g-Pet Test Strip to confirm the result.(Fig.7)
- 6. If a "LO" message appears on your display, your g-Pet Meter has detected that your blood glucose level is lower than 1.1 mmol/L (20mg/dL) It is suggested that you review your testing procedure and test again with a new g-Pet Test Strip to confirm the result. If no further tests are performed, the g-Pet Meter will shut off automatically after 4 minutes.(Fig.8)
- After finishing the test, we recommend using a tissue paper to remove g-Pet Test Strip from the g-Pet Meter for proper disposal.



Fig.7



Fig.8



# **Memory Features**

The g-Pet Meter automatically stores the 300 most recent blood glucose results with date and time in its memory. It also provides you with a consecutive 7/14/30-day average of your blood glucose test results.

- Press the M button to turn on the g-Pet Meter. All segments of the LCD display will appear. The date and time will appear first.
- Press S button, the result of control solution will appear on display.\*
- Press S button, the consecutive 7-day average will be shown.\*
- ©Pet
- 4. Press **S** button, the consecutive 14-day average will be shown.\*
- 5. Press **S** button, the consecutive 30-day average will be shown.\*

Note: \* If there is no test results during this stage, it will directly appear the most recent test result.

- 6. Press S button, the most recent test result will appear. Each time you press the S button, the g-Pet Meter will recall the last 300 test results accordingly. When the memory is full, the oldest result is removed and replaced with the newest result.
- Press and release the S button to the end of the memory, "000" will show. Then press the S button again or M button to turn the meter off.





#### Exiting the Memory Mode

- 1. Press the **M** button to turn off the meter.
- 2. Meter will shut down automatically after 4 minutes with no further action. Note: The consecutive 7/14/30-day average is calculated from the blood glucose results obtained during the last consecutive 7/14/30-day.

# Care and Storage

- Handle the g-Pet Meter with care. Dropping or throwing the Meter may cause damage to the device.
- Do not expose the Meter, Test Strips, and Control Solution to extreme conditions, such as high humidity, heat, freezing cold or dust.
- Always wash hands with soap and water and rinse and dry completely before handling the Meter and Test Strips.
- When cleaning the Meter, gently wipe the exterior surface using a damp soft cloth.
   DO NOT USE ANY ORGANIC SOLVENT for cleaning.
- 5. The Meter should be stored at room temperature in a dry and clean space. DO NOT STORE IN DIRECT SUNLIGHT OR AREAS WITH HIGH HUMIDITY AND/OR DUST. It is advised that you store the Meter and its accessories into the provided carrying case.

**Display Messages** 

DISPLAY	WHAT IT MEANS	ACTION
8 8 - 8 8 1 8 8 8 8 8 1 M	System check for verifying that all segments of the Meter are functioning.	No Action Necessary.
DDD Gode	This message appears immediately if your Meter has not been encoded.	Code Meter. (see page 18)
<b>955</b>	This is the current code number in use.	This code number should match the code number printed on your g-Pet Test Strip vial.

DISPLAY	WHAT IT MEANS	ACTION
c o d 8 9 5 5 €	The system is ready to accept a blood sample.	You may now apply a blood sample.
codE 9 55	The system is ready to accept a Control Solution sample.	You may now apply a drop of Control Solution sample.
HI	g-Pet Meter detects blood glucose level is higher than 33.3 mmol/L (600 mg/dL).	Indicates high blood glucose level. Repeat test.

DISPLAY	WHAT IT MEANS	ACTION
LO	The g-Pet Meter detects blood glucose level is lower than 1.1 mmol/L (20 mg/dL).	Indicates low blood glucose level. Repeat test.
	Temperature is too low to perform the test.	Repeat the test in a warmer setting (10 - 40°C or 50 - 104°F). Wait 15 minutes before re-testing.
<b>H</b> ;	Temperature is too high to perform the test.	Repeat the test in a cooler setting (10 - 40°C or 50 - 104°F). Wait 15 minutes before re-testing.

DISPLAY	WHAT IT MEANS	ACTION
. !	An error message indicating a problem with the g-Pet Test Strip.	Review the instructions and try again with a new g-Pet Test Strip.
•	Battery power is too low for further usage.	Replace with a new 3-Volt lithium battery (CR-2032) immediately.
	Battery power is low. Meter will provide approximately 50 more measurements.	Replace with a new 3-Volt lithium battery (CR-2032).

DISPLAY	WHAT IT MEANS	ACTION
	An error message indicating a problem with the coding of g-Pet Meter.	Check the Meter again with the Glucode chip and verify strips match code. If the problem persists, contact your local supplier.
٤٠	An error message indicating a problem with the g-Pet Meter.	Press "reset" button and check the meter again with the Glucode chip. If the problem persist, contact your local supplier.
1-08 8:08 ° Mem mmo/L &	Indicate the result is HIGHER than the "HI alarm setting" of the health management.	For reference you can change the default setting value. Refer to page 15.

DISPLAY	WHAT IT MEANS	ACTION
1-08 8:08 ° Mem mmol/L 🛕	Indicate the result is LOWER than the "LO alarm setting" of the health management.	For reference you can change the default setting value. Refer to page 15.
codE 988	Temperature is low during the test procedure.	Result may be larger variation. Move to a warmer environment (10 - 40°C or 50 - 104°F) and wait 15 minutes before retesting.
codE 9 88	Temperature is high during the test procedure.	Result may be larger variation. Move to a cooler environment (10 - 40°C or 50 - 104°F) and wait 15 minutes before retesting.

DISPLAY	WHAT IT MEANS	ACTION
Mem Mem	All testing values recorded in the memory have been shown.	Press <b>S</b> or <b>M</b> button or wait for 4 minutes to turn off the meter.

Other problems that may occur	ACTION
The g-Pet Test Strip has not been inserted	Review the instructions and re-insert the
into the Meter properly.	Test Strip correctly (white side face up).
Defective g-Pet Test Strip.	Replace with a new g-Pet Test Strip.
Insufficient blood sample.	Repeat the test with new g-Pet Test Strip.
Test Strip remains in the test port for more than 4 minutes prior to testing.	Meter will automatically turn-off. Re-insert the Test Strip to the test port.
LCD Screen on the Meter is blank when trying to perform a test.	Contact your local supplier.

# **Specifications**

10°C - 40°C(50°F - 104°F) and 10 - 90% RH Operating Conditions:

Haematocrit: 35 - 55%

Test Sample: Capillary Whole Blood

Sample Volume: >1.5 u

Measuring Range: 1.1 - 33.3 mmol/L (20 - 600 mg/dL)

Test Time: 10 sec

Memory Capacity: 300 most recent results

Average: 7/14/30 days average results **External Output:** Standard RS232 PC interface Power supply: 3-Volt lithium battery (CR-2032)

Battery Life: Approximately 1000 tests

Dimension and Weight: 102 x50 x15 mm; 55 g

\*Calibrated for cat, dog and horse use. Not intended for use in humans

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# Limitations of the procedure

Caution: The g-Pet System is designed for in vitro use only and is not intended to test on newborn animals.

The g-Pet System is calibrated for cat, dog and horse use, not intended for humans.

The g-Pet Test Strips are designed for use with fresh capillary whole blood samples. False results may occur when using a lancet on an animal that may be severely dehydrated, severely hypotensive, in shock or in a hyperglycaemic-hyperosmolar state.

# **Service and Warranty**

IMPORTANT: The q-Pet Blood Glucose Monitoring System is designed for in vitro diagnostic use only. Woodley Equipment Company Limited can not endorse the performance of the q-Pet System when used with Test Strips other than those designed for the q-Pet Meter. The q-Pet System manufacturer warranty is valid only when used properly within the guidelines of the provided User's Guide and is invalid when the g-Pet System and g-Pet Test Strip are used improperly.

Manufacturer Warranty: Woodley Equipment Company Limited offers a lifetime guarantee on this product. Our company shall repair or replace any g-Pet Meter found defective with a new g-Pet Meter.

This warranty does not apply to the performance of a q-Pet Meter that has been accidentally damaged, altered, misused, tampered with or abused in any way. In no event shall our company be liable to the purchaser or any connected with the purchase or operation of the q-Pet Meter or its parts.

For manufacturer warranty services, purchaser must contact their local supplier for assistance.

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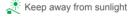


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i Read Instructions for use



Caution, consult accompanying documents





